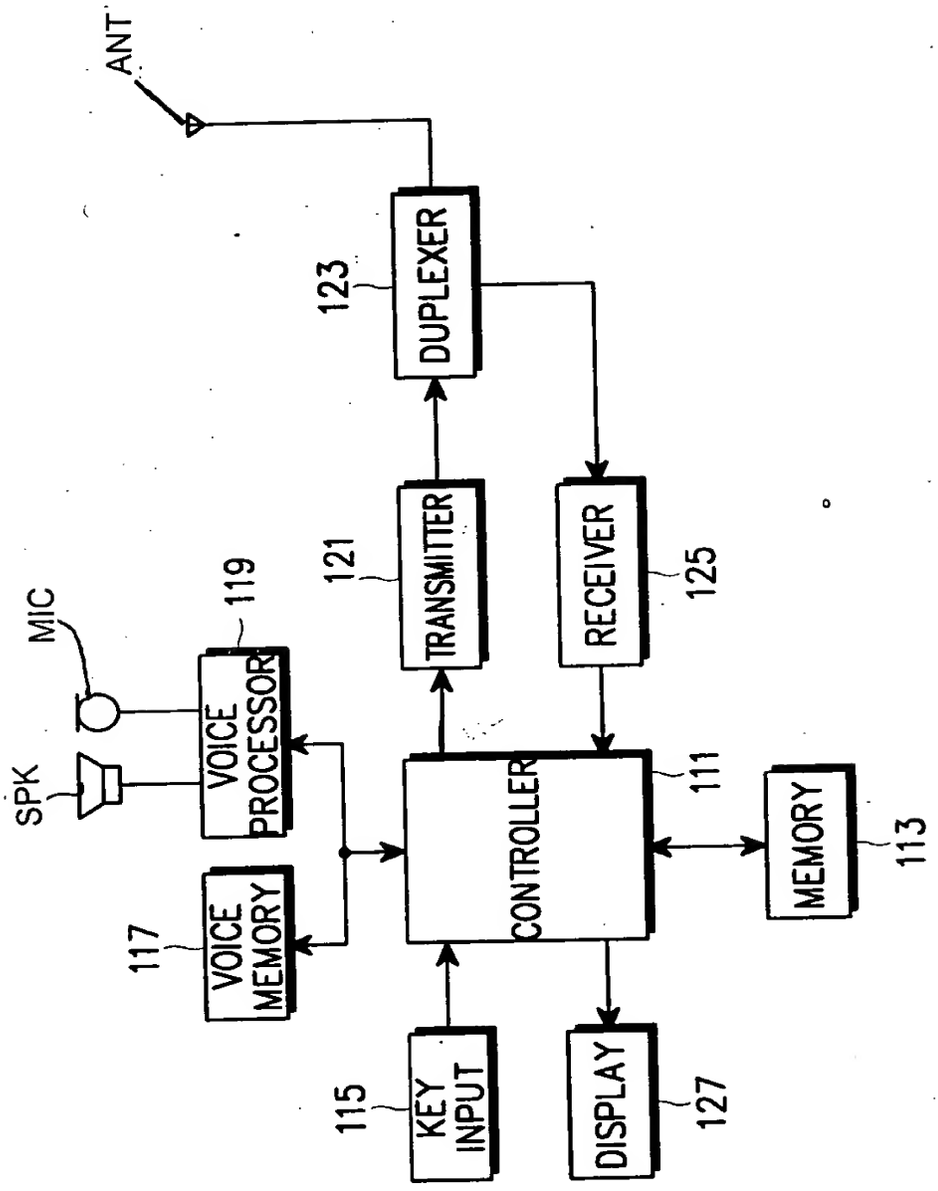
FIG. 1


ANT
123
DUPLEXER
121
TRANSMITTER
RECEIVER
125
MIC
SPK
119
VOICE PROCESSOR
117
VOICE MEMORY
CONTROLLER
111
MEMORY
113
115
KEY INPUT
DISPLAY
127

MAIN MENU INDEX	MAIN MENU	SUB-MENU INDEX	SUB-MENU
1	VOLUME CONTROL	1	BELL VOLUME
		2	KEY TONE VOLUME
		3	SPEECH VOLUME
2	UTILITY FUNCTION	1	BELL SELECTION
		2	ONE-TOUCH DIAL
		3	AUTOMATIC ANSWER
		4	KEY-TONE LENGTH
		5	AUTOMATIC DIAL
		6	AREA CODE INPUT
3	SYSTEM SETUP		
4	ALERT FUNCTION	1	CALL CONNECT TONE
		2	1-MINUTE CALL TONE
		3	SERVICE AREA
5	CALL TIME	1	LAST CALL
		2	TOTAL CALL
6	SECURITY FUNCTION	1	LOCK FUNCTION
		2	PASSWORD CHANGE
		3	EMERGENCY CALL
		4	CALL LIST ERASING
		5	PASSWORD SENDING
		6	PRIVACY
		7	MANUAL NAME SETUP
		8	AUTOMATIC NAME SETUP
		9	SERVICE SYSTEM
7	DISPLAY	1	BACKGROUND BRIGHTNESS
		2	INITIAL SCREEN
		3	CALCULATOR
		4	VOCODER
8	TIME SETTING	1	CURRENT TIME
		2	ALARM SETTING
		3	ANNIVERSARY INPUT
		4	TIME RESERVING
		5	WORLD TIME
9	VOICE RECOGNITION		

FIG. 2

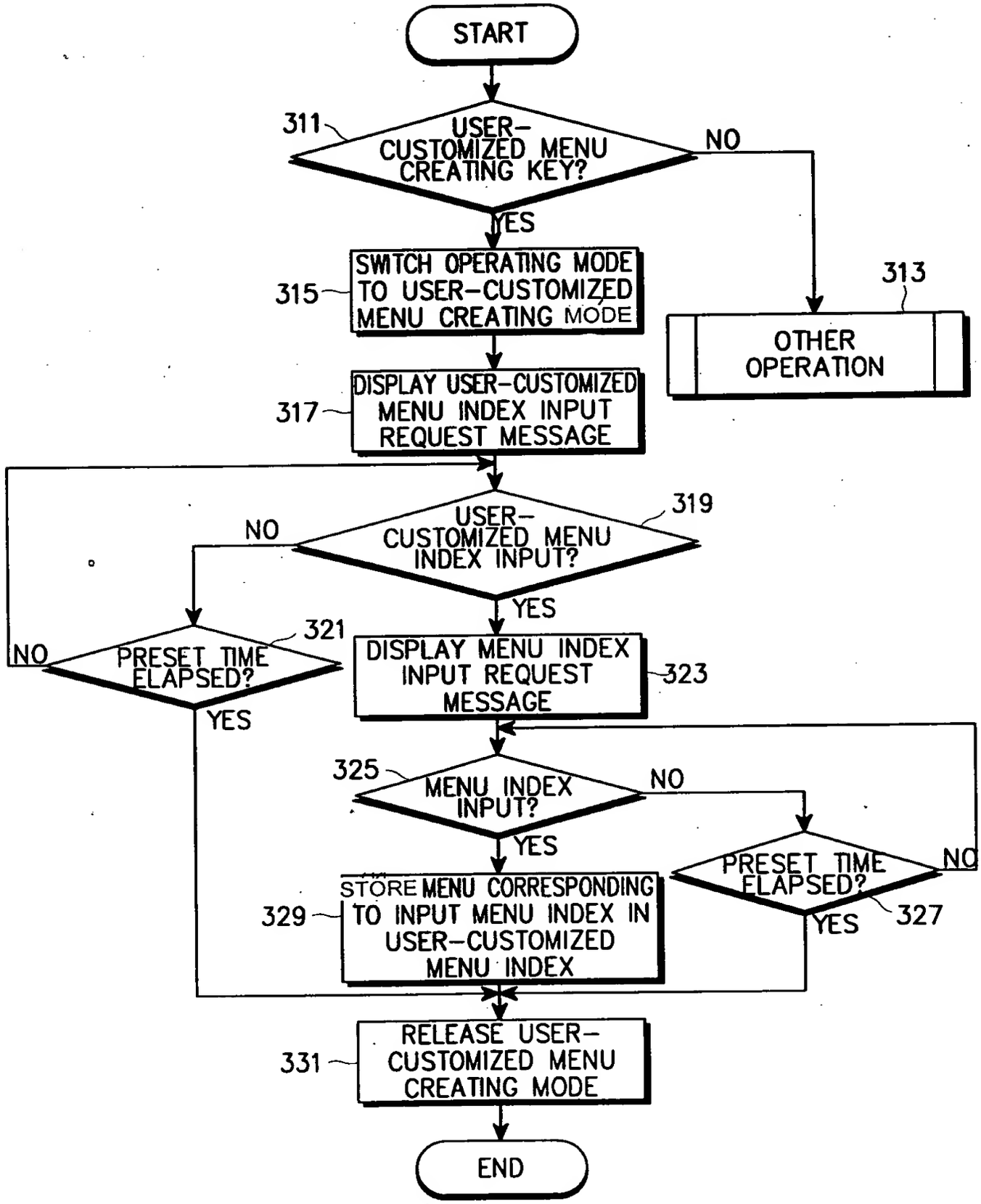

START
311
USER-CUSTOMIZED MENU CREATING KEY?
NO
YES
315
SWITCH OPERATING MODE TO USER-CUSTOMIZED MENU CREATING MODE
313
OTHER OPERATION
317
DISPLAY USER-CUSTOMIZED MENU INDEX INPUT REQUEST MESSAGE
319
USER-CUSTOMIZED MENU INDEX INPUT?
NO
YES
321
PRESET TIME ELAPSED?
NO
YES
323
DISPLAY MENU INDEX INPUT REQUEST MESSAGE
325
MENU INDEX INPUT?
NO
YES
PRESET TIME ELAPSED?
NO
YES
327
329
STORE MENU CORRESPONDING TO INPUT MENU INDEX IN USER-CUSTOMIZED MENU INDEX
331
RELEASE USER-CUSTOMIZED MENU CREATING MODE
END

FIG. 3

USER-CUSTOMIZED MENU INDEX	USER-CUSTOMIZED MENU
1	BELL VOLUME(11)
2	BELL SELECTION(21)
3	ALARM SETTING(82)
4	INITIAL SCREEN(72)
5	KEY TONE VOLUME(12)

FIG. 4

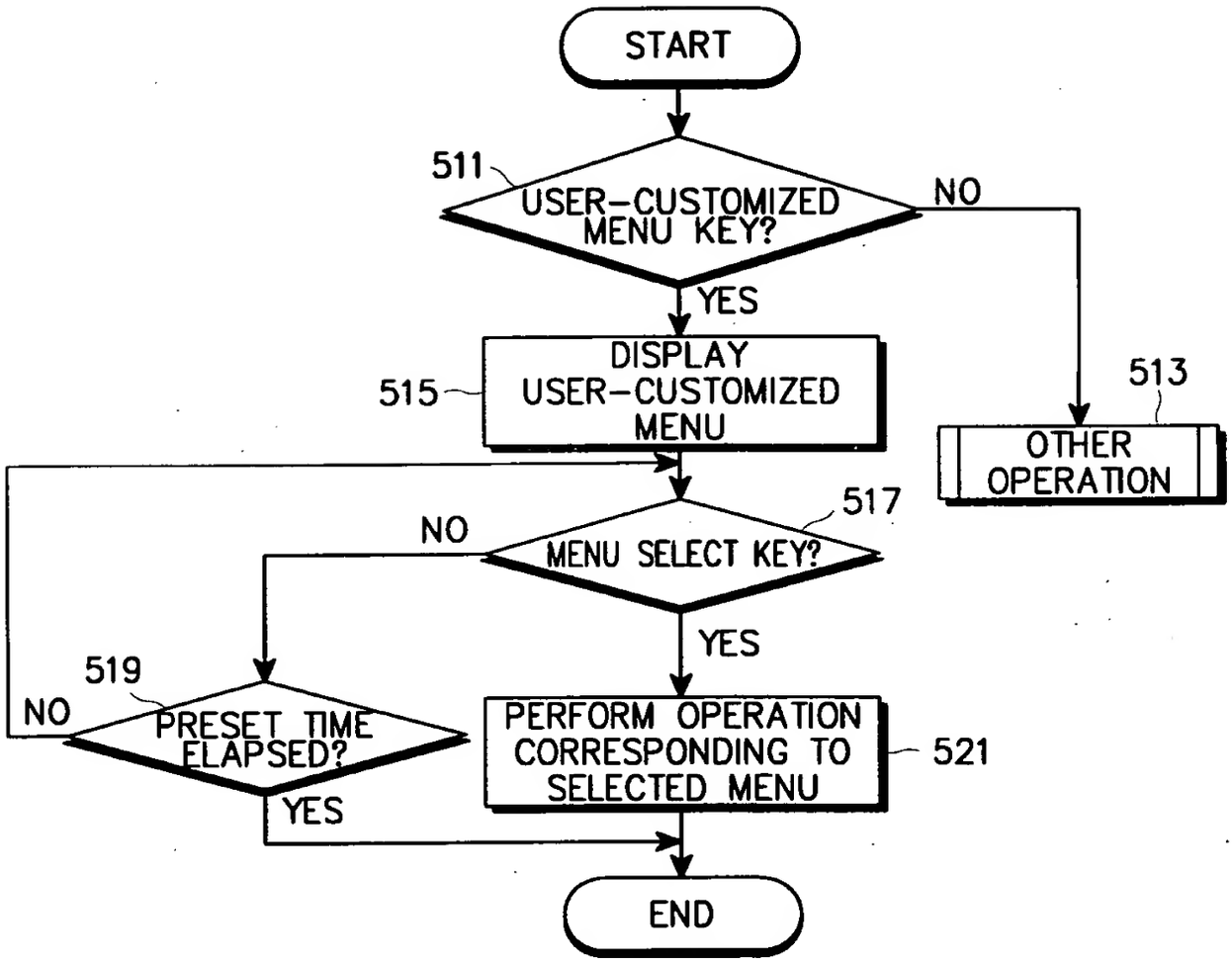

START
511
USER-CUSTOMIZED MENU KEY?
NO
YES
513
OTHER OPERATION
515
DISPLAY USER-CUSTOMIZED MENU
517
NO
MENU SELECT KEY?
YES
519
NO
PRESET TIME ELAPSED?
YES
PERFORM OPERATION CORRESPONDING TO SELECTED MENU
521
END

FIG. 5